

From owner-qrp-1@netcom.com Thu Mar 23 14:59:08 1995
Date: Tue, 21 Mar 1995 18:56:06 -0500
Message-Id: <95032118560681@sescva.esc.edu>
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: /QRP

I don't usually sign as /QRP since I would like to get an honest (?) report. What I will do from time to time is when I am answering a CQ, I will say de QRP N2KPY K. I do this when I get hard up for a reply or if the station I am trying to reach is desirable. I feel when the CQing station begins to hear the QRP, it catches his attention. Try it. It works.
Regards,
Peter N2kPY

From owner-qrp-1@netcom.com Fri Mar 24 04:00:19 1995
Date: Thu, 23 Mar 1995 09:00:04 -0500
From: doug@acpy01.utsd.att.com (os2user@vmdoug.utsd.att.com)
Subject: 15M rig recomendations
Message-Id: <9503231401.AA0602@vmdoug.utsd.att.com>

>It's getting to be that time of year again. Can anyone recommend a good 15M
>rig kit for QRP use. Thanks.
>Bob Smith networkMCI Marketing

I am also interested in any 15 meter kits that might be out there.
I was looking earlier, but never found any.
Anyone?

Doug KA2UPW
doug@acpy01.utsd.att.com

From owner-qrp-1@netcom.com Thu Mar 23 20:25:24 1995
From: JimN00CT@aol.com
Date: Thu, 23 Mar 1995 18:31:42 -0500
Message-Id: <950323182716_59089047@aol.com>
Subject: Re: 30 meter antenna

Hi Marty--

You wrote:

>Has anyone ever taken lets say a 46 foot wire and end fed it
>to work band, no it it were 40 meters lets say 66 foot or wire, and assume
>no tuner, what would happen? Or more important would it work. Now the
>obvious reasons are ease of use no tuner, one end at rig other end over
>yonder and no coax to lug around. I guess another question is if it works
>kinda, what might it do the TX over time?

> Hope these questions aren't too way out.

No, your questions aren't too way out. There was some excellent discussion about end fed 1/2 and 1/4 wave wires here earlier last year. The bottom line is that an end fed 1/2 antenna works very well. You must care for and feed it properly.

An end fed 1/2 wire will present a high impedance at the rig end of the wire. You *will* need an antenna tuner, but a simple L-network (from rig--series inductance, shunt capacitance to ground, then antenna) will work fine. A simple coil with a clip lead shorting wire, with a broadcast variable cap will do the trick nicely.

This antenna is less sensitive to the presence of ground wires being strung out from the tuner. They will help; they are not necessary.

For good operation of the 1/4 wire, a series tuner (from rig--series inductance, series capacitance, antenna wire) works fine. This antenna is more reliant on ground wires emanating from the the tuner (1/4 wavelength long) for good operation. With the right setup, you could run this antenna with no tuner (it is a low impedance feed). Would take some doing, but it could be done.

Hope that helps. I've used 66 ft. of 34 gauge magnet wire through a tuner on 40 meters as a temporary antenna with good results--I hear and work other hams with no problem.

73, Jim N00CT

From owner-qrp-l@netcom.com Fri Mar 24 05:32:24 1995
Date: Thu, 23 Mar 1995 18:10:35 GMT
From: Goran Hosinsky <goran@royac.iac.es>
Message-Id: <9503231810.AA05315@royac4.royac.iac.es>
Subject: 30 meter antenna

Try a 1/4 wave direct to the rig, perhaps with another 1/4 wave as a counterpoise on the ground. Should load up ok but not be very effective, you have the current maximum low down. Why do not use a resonant dipole with a thin coax (rg 174) If the coax is short it does not loss much (25' with SWR 2.0 gives 0.9 dB loss). That coax will take less space than a tuner. I like to bring a telescopic fishingpole, about 20', to use as a center support.

73

Goran EA8YU

From owner-qrp-l@netcom.com Fri Mar 24 05:50:01 1995
Message-Id: <n1416162477.32112@msmailgw1.arlut.utexas.edu>
Date: 23 Mar 1995 11:58:47 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: 30 Meter or any end fed antenna

Marty,

Please get an ARRL Handbook, or Antenna Book, or others, and read about the impedance of antennas. Dipoles are fed in the middle, because that is the lowest impedance point of a half wave length antenna, around 70 ohms, depending on elevation above apparent RF earth, (not necessarily the same as physical ground, or dirt/rock/whatever.)

Transmitters are usually built to feed into 50 ohm cable and antennas, which is a pretty close match to a dipole even without a transmatch IF FED TO THE CENTER of the dipole.

THE END OF A DIPOLE is infinite impedance in theory in free space. For earth bound dipoles, around 3000 ohms is an approximation of the end impedance. Now you know, I hope, that by ohms law, more power is developed across a low resistance, (impedance) than across a high impedance. You do want as much of your QRP signal to get out as possible? That is where the transmatch comes in to tune out the impedance mismatch, when an antenna is fed at the end, or at the center and the electrical height does not make a good enough match to the 50 transmitter output impedance to keep the transmitter working efficiently. Ideally, the transmatch would have to be at the physical end of the antenna or center; but in practice we transmatch the feedline plus antenna to the best compromise. A simple transmitter like the Ramsey does not have protection from the mismatch condition like a Rice Box commercial rig that lowers its power to prevent damage from mismatching. The Ramsey, (I have one for 40M) has I think, a zener diode to protect the final transistor, and that is supposed to conduct and prevent mismatches from destroying the transistor; but worse that means some or most of your power will be wasted in the zener turning on if you did not use a matching device to the end of a 30 M antenna. Incidentally, many of the T tuners of todays popular design, can not tune to the very high impedance of end fed antennas if they are of random length for the frequency in use. That is why if you ever see an old Johnson Matchbox in good shape, (un modified) at a Hamfest, buy it at any price \$150 or less. They were made to work into the various Zepp or end fed antennas popular in the 50's or earlier.

If the concept of having to center feed an antenna and having a feed line come down vertical from the elevated horizontal wire is bothering you because you cannot do much height above a roof for example, you could do what I discovered with a G5RV: you erect the antenna as a horizontal "T" and run the feed horizontally to a support, and then vertically to the shack as needed. One of the greatest performing antennas I have had, beams included.

Hope this helps clear up why you need the transmatch for end feed. 72, Stuart K5KVH

From owner-qrp-l@netcom.com Thu Mar 23 13:34:03 1995
Date: Mon, 20 Mar 95 09:35:35 MST
From: miker@cc.com (Mike Robinson)
Message-Id: <9503201635.AA06048@cc.com >
Subject: 79'ers Xmitter?

Where can I get the schematic for the 79'ers xtal xmitter. I built a 3.686 xmitter from a QRP book but as the final heats up during each send, it drifts badly. I need the next level up.

```
=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com                 Norcal #857 | "This thing's a radio?"
=====
```

From owner-qrp-l@netcom.com Thu Mar 23 17:02:52 1995
Date: Thu, 23 Mar 1995 10:11:44 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Re: 79'ers Xmitter?
Message-Id: <Pine.SUN.3.91.950323100531.27684C-100000@crl2.crl.com>

Mike, a Two-Fer or and One'er works very good for the 79'er.
Ref: Apr 93 73 and June 92 QRP quarterly.

Put about 33 ohm in series with your emitter on your present circuit to reduce the heating. I expect as it heats the load is changing on your osc and that may be the reason for the drifting.

Not sure which circuit you used from the book, but it has been my experience that the tuned circuits are in correct on some of them. I had several notes on here about the Pen Xmitter recently. Never trust someone else math, always check the L/C.

de stan AK0B

On Mon, 20 Mar 1995, Mike Robinson wrote:

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```
> a QRP book but as the final heats up during
> each send, it drifts badly. I need the next
> level up.
>
> =====
> 7.3 de Michael aa0ub          | QRP:
> miker@cc.com                 Norcal #857 | "This thing's a radio?"
> =====
>
```

From owner-qrp-l@netcom.com Thu Mar 23 15:58:32 1995
From: sato@apollo3.ntt.jp
Subject: <didn't bother with a subject>
Date: Thu, 23 Mar 1995 21:38:39 +0900
Message-Id: <199503231238.AA15718@apollo3.ntt.jp>

help

From owner-qrp-l@netcom.com Thu Mar 23 04:37:08 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Tue, 21 Mar 1995 14:43:24 MET
Subject: A QRP presentation (1)
Message-Id: <A4DE4531F7@daphne.rrze.uni-erlangen.de>

Hi gang,

a few weeks ago I did a nice little presentation of our QRP niche hobby at the local ham radio club meeting.

About 30 people were listening. I have no experience at all in public speaking, so I worried about the terrible things that might happen, like loss of speech or just babbling incoherently. Matters were worsened by my urge to prepare additional material just at the very day at which the presentation should be held in the evening. I finished copying the papers to transparencies literally minutes before I needed them.

I had about thirty to forty foils prepared. The first one showed the magic word "QRP" with the words "Eine Amateurfunkwelt im Kleinen" in the second line (roughly "A small ham radio world", but that doesn't catch the additional meaning of 'a world in itself'). Below there was a nice little cartoon that I found in an older issue of the German ham magazine CQ-DL showing Joe Ham sweating while busily hiding his linear away when the XYL announces from the door "... a few of your QRP friends would like to see you!". Thought it would be a nice intro, and sure it was. The second time people laughed out loud was when I explained the development of QRP over the course of history. 100 Watts is QRP? After explaining why and when I mentioned briefly what the EME

people mean when they are lucky and have a QRP contact (e.g. about 100 Watts and a six meter parabolic, according to an older article in CQ-DL). I showed some examples of early QRP contacts: Loren G. Windom in Columbus, OH, contacted Australia, South Africa and New Zealand in 1926 with only 0.5 Watts of input power to a UV-199 receiving tube. So if they could do it in 1926, shouldn't we be able to do it today?

The physics behind

Next I explained the physics behind it all and reasoned that with one watt you'll always be 3 S-units weaker than your fellow with 100 watts at the same antenna. On the other hand, if the 100 watt produce a S9+20 signal, then 100 milliwatt would be enough to make a perfectly readable S7 copy. I could provide a real life example, when I told the story of my SSB QSO with a station in Sweden, SM2HDF. I answered in October '94 on 17m to his CQ call. He had a big signal and came in 30 dB over S9 after he adjusted his antenna in my direction. I got a plain "five and nine" report. He didn't seem in the mood for ragchewing until I mentioned my output power at this time: ONE watt peak, as measured with my trusty WM-1 wattmeter. That got him thinking. He was running one kW and some kind of yagi antenna. I was sitting there with a big grin on my face and fiddling with the power knob on my rig. When I lowered my output to 100mW (SSB!) he gave me a 55 and still had "no problem copying". I checked this by asking questions at this power level and he answered them when he came back to me. At 20 milliwatts he gave me a 4 by 2, mainly due to the noise produced by his computer. When I turned the knob fully counter clockwise I put about 1.5 mW in the air. He couldn't hear me any more at this level. I'm sure CW would have made the contact, though.

How to do it

Having wetted everybody's appetite, I could tell the good news: It doesn't take expensive new equipment to do this! Many modern rigs have a knob called CARRIER, POWER or DRIVE. Turning this knob to the left will bring you almost certainly down to about ten watts. You could mess with the ALC by fiddling with the internal adjustment or just feed a regulation voltage externally. I showed the little circuit, consisting of a battery and a resistor. More radical methods I didn't recommend, but felt obliged to mention them, like (literally!) cutting the power to the amplifying stage or using a power step attenuator, wasting precious energy. Other ways, like homebrewing, would be given plenty of time later on, so I just told them: Be ingenious! Anything that radiates is worth considering :-)) I had read the story of a polish ham who was stuck for a few month at a university in Syria and I was quite impressed how he mastered the difficulties. He finally used the waveform generator of an electronics lab as his transmitter. The output was only milliwatts and he had to digitally re-enter the

frequency after each receiving period, but what the heck! This was true QRP spirit: Take good use of the little things you have!

Why QRP?

T'is clear: This guy was forced by necessity, but why should anybody else run QRP? I could cite George, G3RJV, and say: "It costs next to nothing and is a lot of fun. Perhaps that is what a hobby is all about." (and I fully agree with that). I have even more fun when I can demonstrate to some innocent power believer how little it really takes. In the eyes of some people this even might border to magic! :-) But also imagine the satisfaction you can draw from building a piece of equipment yourself, and the pride of telling on the air "I am using homebrewed gear!". Besides, it's a real challenge to make contacts at low power. Never felt a bit bored when it's so easy working one station after another at S9plus? No, really? So why not let yourself surprise by what you can achieve with a self-imposed restriction. It doesn't need to be a world record (and I also mentioned the recent achievements in microwatting), it's enough if it is a personal record for you. How low can you go? Here you can dabble with the limits of the physically possible, and not just because you have to avoid interfering with your neighbours TV reception. (Besides, I love K4ADL's "Top 10 criteria for calling your station 'homebrew'": 3. You reduce your output to 10 mW and *still* cause TVI. :-)) Finally, with a winking eye, I gave the real reason why QRP is getting more and more popular: They must be all masochists! ;-)

...

[More as I find time to write it.]

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                                     \\|//
                                     (^ ^)
+-----o00--( )--00o-----+
| Vy 72 de Richard (DL8MFQ @ DB0SIF.DEU.EU) in Erlangen |
+-----+
alias AA8CP          G-QRP #7417          AGCW-DL #2168
Internet: <sz0026@daphne.rrze.uni-erlangen.de>
```

From owner-qrp-l@netcom.com Thu Mar 23 16:24:52 1995
Date: Thu, 23 Mar 1995 10:02:41 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Antenna Current Indicator
Message-Id: <Pine.SUN.3.91.950323095658.27684A-100000@crl2.crl.com>

Cheap - Looks Nice - And it Works

- 1) Connect a #47 lamp in parallel with a 39 ohm 1/2 w resistor.
Put this combo in series with the center conductor of your feed line.
Tune for maximum indication.
- 2) Pass your antenna connection through a T37-61 core this is now L1.
Wrap 3 - 5 turns of #22 ga on the core (L2).
Connect L2 to a low power LED.
Tune for maximum indication.

I have used above on coax, single wire windoms, end fed L's, and open line feeders. Vary the resistor and turns ratio as required for proper indication.

Hope, this answers the many requests I see on the list for an antenna current indicator.

de stan AK0B

From owner-qrp-l@netcom.com Thu Mar 23 18:17:40 1995
From: Byron8LCZ@aol.com
Date: Thu, 23 Mar 1995 14:15:53 -0500
Message-Id: <950323141549_58835286@aol.com>
Subject: Antenna Tuner Parts

Wheres a good place to buy new roller inductors and variable capacitors for building QRP antenna tuners ?

72, Byron WA8LCZ in Detroit

From owner-qrp-l@netcom.com Thu Mar 23 04:08:33 1995
From: BRUCE3900@delphi.com
Date: Wed, 22 Mar 1995 22:30:58 -0500 (EST)
Subject: Argonaut Accessory Plug
Message-Id: <01H0GB630JR899G1FW@delphi.com>

Hoo Boy,
A heartfelt thanks to all of you who replied regarding the accessory plug for the Argonaut. I didn't keep score but I think it was unanimous that I try Ten-Tec. I will. Just as soon as I have a free minute. I really appreciate the help and will use up some more bandwidth after I've called Ten-Tec to see if they have one.

73,
Bruce

From owner-qrp-l@netcom.com Thu Mar 23 19:53:10 1995
Date: Wed, 22 Mar 95 22:11:56 PST

From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503230611.AA07193@deneb.csustan.edu>
Subject: Back Issues ARCI Quarterly

I have 10 complete sets of the large issue format copies of the ARCI QRP Quarterly for sale. They are for the years 1985 - 1993.

These are bound in 1 year issues, with a heavy card stock cover and plastic finger binding. These are all that I have left, and when they are gone, I will not do any more. The cost of these is \$90, postpaid in the US via priority mail. There are over 700 pages of past issues of the Quarterly in this one, and they have been copied with a high quality Xerox copier. The pictures didn't come out too well, but the text, drawings and schematics are excellent quality. If you want a set of these, send me a check or money order for \$90, made out to Doug Hendricks.

Send your orders to:
Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

72, Doug, KI6DS

From owner-qrp-l@netcom.com Fri Mar 24 05:33:29 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: Back Issues of ARCI Quarterly
Date: Thu, 23 Mar 95 22:14:03 EST5EDT
Message-Id: <1995Mar23.221403.14252@wb3ffv.ampr.org>

Sorry to hear you are getting out of the "business" of doing reprints of the QRP Quarterly; I'm sure it has been VERY much appreciated by a lot of people, and was a tremendous service to all. Having done reprints of things myself (three...or was it 4?...runs of the Milliwatt, for one), I know what a lot of work it is. I really appreciate the trouble you went to! 73 and Queue Our Pea DE WA8MCQ
--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Thu Mar 23 04:36:12 1995
Date: Thu, 23 Mar 95 08:23 GMT
From: oddjob@cix.compulink.co.uk (Stephen Walters)
Subject: best flavor
Message-Id: <memo.221758@cix.compulink.co.uk>

So what would be the best design - and not necessarily the best flavor of the month ?

DX Dynamo. A tub of Haagen das with sixty-foot copper rod through it.

The fishing net. 10Km of wet string, soaked on a strong copper sulphate solution.

The Gynocologist indoor antenna. Requires running a couple of hundred feet of 1ohm feeder through every keyhole in the house.

'Nuff said....

oddjob@cix.compulink.co.uk

From owner-qrp-1@netcom.com Thu Mar 23 11:59:26 1995
Date: Thu, 23 Mar 1995 08:03:41 -0700 (MST)
From: Blair Heinzlmeir <blair@tibalt.supernet.ab.ca>
Subject: Best PCB cad program.
Message-Id: <Pine.HPP.3.91.950323080154.23087A-100000@tibalt.supernet.ab.ca>

I'm in the market for a good pcb cad program. It will be run on a 486dx66 8 megs ram with a laser printer. Any feed-back would be great.

72 Blair VE6BJH

From owner-qrp-1@netcom.com Thu Mar 23 09:49:01 1995
Date: Thu, 23 Mar 95 8:24:45 EST
From: Clark Fishman (FSAC) <cfishman@fsac3.pica.army.mil>
Subject: Bifilar Wire
Message-Id: <9503230824.aa06797@FSAC3.PICA.ARMY.MIL>

Someone here was looking for wire to wind transmission line transformers on toroids....Contact M W S Wire Industries

31200 Cedar Valley Drive
Westlake Village , CA 91362

PH: 818 991 8553

FAX: 818 706 0911

They have bifilar, trifilar,quadfilair , etc wire in many sizes and they got litz wire and square wire and wires bonded side by side like miniature ribbon wire....ask for the catalog

And after you have looked at it ask for samples and prices....

They got's lot's of neat wire for radio applications

73 and happy toroid winding

WA2UNN Clark Fishman cfishman@pica.army.mil

From owner-qrp-1@netcom.com Thu Mar 23 05:05:10 1995

From: jpo@acd4.acd.com (Jim Osburn)

Message-Id: <9503221332.AA05649@IEDV5.acd.com>

Subject: Building for an Audience

Date: Wed, 22 Mar 95 8:32:47 EST

I have been teaching an upgrade class for the local radio club.

In last night's class we discussed resistors, capacitors, inductors, and diodes.

To demonstrate a practical application of these components,

I built a field strength meter in class.

There I was, attempting to solder components and make the circuit work while seven or eight people watched.

I didn't burn my fingers.

I didn't make any mistakes.

And the circuit worked.

That's what I call amazing luck.

The local club wants to have some kind of project or activity where the members build something instead of watching something built.

But, the logistics of that haven't been worked out yet.

Whatever the club project is, it will probably be more complicated than a simple field strength meter.

The field strength meter was good for a class demonstration because it took little time, and it pertained to the class discussion.

You might give building for an audience a try.

73,

Jim, WD9EYB

From owner-qrp-1@netcom.com Thu Mar 23 09:25:53 1995

Date: Thu, 23 Mar 1995 05:14:05 -0800 (PST)

From: Steven Wilson <randyw@crl.com>

Subject: Re: Building for an Audience

Message-Id: <Pine.SUN.3.91.950323051250.6401A-100000@crl8.crl.com>

Jim the One-FER kits make good subjects for such activity. I seen a

contest building and using them at a hamfest one time and it went over great. Cheap, fast and easy to test when done. de stan AK0B

On Wed, 22 Mar 1995, Jim Osburn wrote:

>
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> In last night's class we discussed resistors, capacitors, inductors,
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>
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> a simple field strength meter.
> The field strength meter was good for a class demonstration because it
> took little time, and it pertained to the class discussion.
>
> You might give building for an audience a try.
>
> 73,
>
> Jim, WD9EYB
>

From owner-qrp-l@netcom.com Thu Mar 23 10:43:17 1995
Message-Id: <m0rrnfX-000jowC@mailbox.mcs.com>
Date: Thu, 23 Mar 1995 08:15:02 -0600
From: johnflem@mailbox.mcs.com (John Fleming)
Subject: CQrp (Chicago QRP) Club ?

Who in Chicago area wants a QRP club? Is there one in existence?
My checking with Ham Radio Info Line reveals nothing, Erickson
doesn't know of one, never heard one mentioned on the south side...

If not, anybody interested in starting one up?

I work downtown, live south, but maybe just start an informal
get-together somewhere?

Any interest, let me know.

John N9NDH
312 732-2855 (work)
708 489-5872 (home)

From owner-qrp-l@netcom.com Thu Mar 23 04:36:38 1995
From: PDouglas12@aol.com
Date: Tue, 21 Mar 1995 15:51:23 -0500
Message-Id: <950321155103_56496666@aol.com>
Subject: Dayton Badges

Hi group,
I have nearly 70 qrp-listers on my list for whom I will be printing ID badges. I have 148 badges, so don't be reluctant to ask to be added. Step right up ladies and gents.

I have received several requests to add friends of subscribers to the badge list. I have been very politely refusing requests to print badges for non subscribers. Please don't ask me to make badges for a list of your non-internet friends who will be with you at Dayton. That will defeat the whole purpose of the things.

If some find this officious, or elitist, or otherwise insulting, I'm sorry. So far, everyone who has gotten a refusal message was very supportive and agreed with me after reflection. There really is little purpose in making the badges if they don't mean anything.

If your friends want a badge, have them email me the regular way on their own internet accounts. I apologize profusely to the rest of the group for the wasted bytes.

Preston WJ2V

From owner-qrp-l@netcom.com Thu Mar 23 12:21:05 1995
From: PDouglas12@aol.com
Date: Thu, 23 Mar 1995 10:01:25 -0500
Message-Id: <950323100031_58535600@aol.com>
Subject: Re: Dayton Badges

Bob, I don't see you on my list, so I will add you. (I don't have the latest list in the office, so will check at home and add as necessary.) The badges will be in the Arena at the G-QRP booth. Eves, I expect I'll take them back to the hospitality suite. Preston WJ2V

From owner-qrp-l@netcom.com Thu Mar 23 06:02:31 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Ed Hare at Timonium on Fri
Date: Wed, 22 Mar 95 23:49:36 EST5EDT
Message-Id: <1995Mar22.234936.15538@wb3ffv.ampr.org>

Bruce, W6TOY, said he made a posting but hadn't seen it come back yet, and neither have I. Anyhow, here are the details: to meet Ed Hare, KA1CV, on Friday night before the Timonium hamfest (a two day affair), we'll meet at his residence, the Days Inn at 9615 (or so) Deereco Road in Timonium, MD at about 1830 hours. We'll decide on a restaurant then. Not exactly sure where Deereco Road is, but I do remember it figures quite prominently in the conversations on the talk-in freqs for the hamfest. It is either the road of Exit 17 from I-83 north (which is one of the exits to take for the hamfest), or else it's the first right off that road. Either way, it's pretty close to the Timonium fairgrounds, and a Days Inn is kind of hard to hide. For those not too familiar with the area, Timonium is just outside the Baltimore beltway on the north side, along Route 83, which is the road going to York, PA.

Note to Brian Carling: I don't have your email or phone handy, so hope you get this thru your BBS; Bruce wants you to call him about possible carpooling, and I'm trying to talk him into some carpooling from where I am. If you two come up Route 95, my work place is about a mile away from it, just off Route 175 (though more like 3 miles once you do all the twisting and turning). He's in the phone book, under his mothers name, which is also Muscolino. I think she's the only Muscolino in the book, period, certainly the only one in Silver Spring.

If anyone else is interested in going, please call me at work at 410-290-1919, or take a chance on getting something to me in time via email. We'll meet at the Days Inn and then head out to parts unknown from there, and need to know who is coming so no one gets left out.

73 and Queue Our Pea DE WA8MCQ

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Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Thu Mar 23 15:16:10 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Ed Hare at Timonium???
Date: Wed, 22 Mar 95 13:02:55 EST5EDT
Message-Id: <1995Mar22.130255.24438@wb3ffv.ampr.org>

This is Wed noon, and still no followup from youwith details of the meeting with Ed Hare beforethe Timonium hamfest. Did you say Fri night? What time? Did you ever findthe address ofthe Days Inn? (I could dig that one out myself if I can overcome laziness.) Brian wants to go, and there may be others, Please pose info to the net for benefit of others who might be interested. 73....

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Fri Mar 24 05:33:31 1995
Message-Id: <n1416166264.5228@msmailgw1.arlut.utexas.edu>
Date: 23 Mar 1995 10:55:08 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: Feed thru caps-endangered species

Justin has found another ESL* (endangered species list) component.

Like the pie wound RF chokes I don't see anymore, these are scarce items, like new vendors of multi gang variable capacitors. (Doesn't anyone build TRF receivers any more?)

Yes, the feed thru cap is not in Mouser, MCM, or even the Mallory Capacitor catalogs.

You could find insulated feedthrus from electronic hardware companies; and what you can do, Justin, is use a disc ceramic bypass capacitor with minimum lead length right at the insulated feed thru, and it will work fine for the application. Guess the other thing, is to go to all the hamfests and when you do find some old ones, stock up! Even feedthru hardware is not indexed in the Allied Radio catalog, so a test point or test jack with a lead soldered in the socket might have to be pressed into feedthru service. Someone should experiment with what is the bypass capacity of the RCA phono plugs and jacks, and other connecting devices, where they might substitute for a feedthru. Good Luck, 72, Stuart K5KVH

From owner-qrp-l@netcom.com Thu Mar 23 19:44:20 1995
From: jpo@acd4.acd.com (Jim Osburn)
Message-Id: <9503231901.AA10222@IEDV5.acd.com>
Subject: Field-Strength Meter
Date: Thu, 23 Mar 95 14:01:19 EST

Tim,

The circuit I use for a field strength meter is from the 1961 Radio Amateur's Handbook published by the ARRL (I like old handbooks).
The title of the article is "A Field-Strength Meter for Portable-Mobile Use" and appears on page 487.

There are very few parts, a 1N34A, a choke, a capacitor, a pot, and a meter. I have substituted widely from the original values and had good luck with the circuit. Use what you have on hand.

I have redrawn the schematic, and I have a Postscript file that I can send to any who request it.

Yes, put a good antenna on it, use a sensitive meter (50 uA), and get close and it works QRP. It is not tuned and it has no active components. Depending on what you're doing, you might need to build a more sophisticated instrument. But for playing around, wanting something quick and easy to build, for showing that a whip is better than a duck, and for tweaking up your output, this meter is good enough.

73,

Jim, WD9EYB

>
> Hey Jim, how about some more info on the FSM? Sounds like a fun
> project. Does it work with QRP?
>
> Tim AB50U
> Las Cruces, NM
>
>

From owner-qrp-1@netcom.com Thu Mar 23 14:12:03 1995
From: ryme@wpsmtp.bloomu.edu
Message-Id: <sf6d3d5a.027@wpsmtp.bloomu.edu>
Date: Sat, 18 Mar 1995 14:37:41 -0500
Subject: Re:flux remover

>From: Bloomsburg.SMTP."mont@netcom.com"
To: Bloomsburg.SMTP("qrp-1@netcom.com")
Date: March 17, 1995 (Friday) 10:44
Subject: Re: Flux (rosin) remover?

> ... for the tough jobs use a new toothbrush to
> do a little scrubbing - as Chuck Adams recently noted old
toothbrushes leave
> a "foamy" crest-like (sic) finish ;-)

Well, it does help if you rinse out all the old toothpaste first! :) :)

Sorry, couldn't resist, km6wt
^^^^^

-- Mont Pierce

** "couldn't resist" Ahhhhhh, bad pun! {;^)

**73, John N3PFF

From owner-qrp-l@netcom.com Thu Mar 23 14:45:02 1995
Message-Id: <n1416336579.32486@msmailgw1.arlut.utexas.edu>
Date: 21 Mar 1995 11:37:34 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: FW: Grounding of shacks above first floor

This may help others, here on qrp.

>From: rohre on Tue, Mar 21, 1995 11:16 AM
Subject: Grounding of shacks above first floor
To: Chris Doherty; ham-tech

Chris,

Yeah, I read that article in 73, and in a way, the comment on above first floor grounding was a cop-out, INMHO.

Basically, you have to keep any connection to physical earth short, or it will resonate on some band, usually the one you want to use, and that is no good for an RF ground. It is good to have a physical connection if you are above the first floor to physical ground and the water pipes if metal, by as straight a heavy conductor as possible for lightning protection, (giving it some where to go.)

However, to keep this earth connection from resonating, you would have to series tune it with something like a special antenna tuner, that is a series resonant circuit or tuned to each band you use. MFJ has made such called an artificial ground. The series tuned circuit has low impedance and tunes out the high value of reactive impedance a long physical earth lead imposes on your elevated station.

The other way to handle elevated shacks is to use only balanced antennas like dipoles, or vertical dipoles, or beams, or loops or deltas or quads so you are not providing a return for the RF signal through the rig. Otherwise, you would have to have resonant counterpoises coming off the rig ground post, and spread out from the elevated shack. This usually is inconvenient at least.

Thus, to summerize: The elevated shack needs a lightning physical earth connection that is not resonant, and this can be provided by a series tuner in the earth lead to avoid the long run of grounding conductor becoming resonant on the band in use.

The elevated rig and shack is restricted in what antennas will give good results, and the use of the long wire type would likely give RF in the shack and

poor results. Dipoles and any balanced or loop derivative antenna should work. Any vertical if provided with its own radial system complete unto itself should work. More problematical would be how well the popular shortened verticals would work unless special radials are added to them.

Hope this fills in the needs you had Chris,
73, Stuart K5KVH

From owner-qrp-l@netcom.com Thu Mar 23 14:05:42 1995
Date: Wed, 22 Mar 1995 10:47:35 GMT
From: Rev George Dobbs <g3rjv@gqrp.demon.co.uk>
Message-Id: <3552@gqrp.demon.co.uk>
Subject: G QRP in Title

May I suggest that list users add GQRP to beginning of their subject title. This helps to quickly spot items on the list. I seem to recall something about 'sorting out the chaff from the wheat'
. . . somewhere or other!

72/3

--

George Dobbs G3RJV "It is vain to do with more,
G-QRP Club what can be done with less."
----- William of Occam (1290-1350)

From owner-qrp-l@netcom.com Thu Mar 23 16:56:11 1995
Date: Thu, 23 Mar 1995 09:26:32 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: Re: Heath HW-12A (and HW-22)
Message-Id: <Pine.3.89.9503230901.A8948-01000000@netcom2>

Tim--

You asked for a schematic of a HW--I have my trusty old HW-22 (which as you know is the 40 meter version) and manual, and will be happy to send you a copy of the schem. for that, if you wish.

I am also willing to part with the rig, including both AC and DC supplies, for some reasonable price--like \$125. Was in good shape the last time I used it, but that was about 25 years ago, so quien sabe?

72/3 de John AB6DG

From owner-qrp-l@netcom.com Thu Mar 23 14:13:23 1995
Message-Id: <199503231631.IAA27011@netcom22.netcom.com>

Date: Thu, 23 Mar 95 16:10:29 GMT
From: RAC1@ib.rl.ac.uk
Subject: Hi and CT3 ??

Hi,

Subscribing to the net has certainly revitalised my QRP activities.
What a keen lot you are out there !!
Are there any QRP'ers or members of the net in CT3 land ?
I had a good 30min QSO the other evening with VE3OM on 20m at 2100hrs UTC,
he answered my CQ at 1w and we completed at the QSO at the 5w level.
Normally the band is a bit quiet at that time over here - things must be
looking up !!
The ant; here is a 40m loop in delta fed with open wire almost on the flat
at 35ft. Looks quite good on Elnec but the proof of the pudding etc.
Wish I was going to Dayton !
Does anyone else out there work on particle accelerator RF Systems ?
72's 73's

Roy G3KJC G-QRP 1503 (I also use HC30)

From owner-qrp-1@netcom.com Thu Mar 23 04:12:43 1995
Message-Id: <m0rrBvq-0002SsC@persoft.persoft.com>
Date: Tue, 21 Mar 1995 15:55:52 -0600
From: jason@persoft.com (Jason F. Penn)
Subject: HW-8 etc. For Sale

(Appologies if this gets posted to the list twice)

I have a few things to sell before Dayton:

Heath HW-8 QRP Transceiver
Serial number 00611 (this seems real low, anybody know?)
HW-7.1 Power Supply
Unknown brand Hi-Z headphones
Manuals
Remarkably clean. Literally still looks like new. Bone stock as far as I know.
I bought it last fall, fired it up once, nothing since. I don't use/need it.
When I have time for hamming I play with the Sierra.
Asking \$110 + shipping

Optoelectronics Minicounter Frequency Counter
Model 3300
1 MHz to 2.8 GHz
Has NiCads inside
With optional carrying case and BNC telescoping whip
I bought this new from Optoelectronics at Dayton last year. I've hardly used
it. Perhaps somebody else can make better use of it. I think I paid around
\$120 for everything.

Asking \$80 + shipping

Bencher Paddle, Black Base

This is two years old and is in perfect shape. I don't know what could ever go too wrong with something so simple. I tried a Kent key a while back and really liked how "tight" it felt compared to the Bencher. So, before I spring for a Kent I want to sell the Bencher.

Asking \$45 + shipping

73 de Jason

--

Jason F. Penn N9RPT | Persoft, Inc. | jason@persoft.com
Whenever I want to find something, it's always in the last place I look.

From owner-qrp-l@netcom.com Thu Mar 23 04:19:05 1995
Message-Id: <m0rqwx6-0002SQC@persoft.persoft.com>
From: jason@persoft.persoft.com (Jason Penn)
Subject: HW-8, Freq. Counter For Sale
Date: Mon, 20 Mar 95 23:57:59 CST

I have two items to sell. Dayton is coming and I don't use either of these.

Heath HW-8 QRP Transceiver

Serial number: 00611 (this seems pretty low. anybody know?)

With Heath HWA-7.1 Power Supply

With Hi-Z headphones

With Manuals

I bought this last fall and have not used it. I have a Sierra besides that I don't get to play with enough.

Asking \$110 + shipping

Optoelectronics Minicounter Model 3300

This little guy measures frequency from 1MHz to 2.8 GHz.

It is small and has NiCads inside.

With wall wart charger, carry case, and whip antenna.

I bought this brand new from OE at last years Dayton HamVention.

I've hardly used it. I think I paid about \$120 for the counter with the case and whip. Asking \$85 + shipping

I guess I really have a third item to sell. I want a Kent paddle, but want to sell my Bencher (black base) first. I think these sell new for around \$70. It is in fine condition. What could go wrong? Asking \$50 + shipping

73 de Jason

608-274-5365 after 6pm central time.

--

Jason F. Penn N9RPT | Persoft, Inc. | jason@persoft.com
Whenever I want to find something, it's always in the last place I look.

From owner-qrp-l@netcom.com Fri Mar 24 05:45:06 1995
Message-Id: <199503240743.XAA23126@netcom23.netcom.com>
Subject: hw-9 schematic
Date: Thu, 23 Mar 95 22:57:19 PST
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>

Hi guys, I fell into a good deal on a hw-9 this week. Lucky me.
The manual was there , but no schematic ..
Can somebody make a copy of it for me ? Please ?

Thanks much .

--

72.5 (almost a full qrp convert)
Stan Goldstein , N6ULU

From owner-qrp-l@netcom.com Fri Mar 24 05:19:10 1995
From: PDouglas12@aol.com
Date: Thu, 23 Mar 1995 17:13:22 -0500
Message-Id: <950323171241_59008298@aol.com>
Subject: installing speakers

Lookit all the trouble I caused with the /QRP business! I am really learning from the replies too.

OK, gang, I have another one, and this time I know I will benefit. There have been a number of postings discussing how to paint and label cabinets.

My problem is installing loudspeakers in those metal cabinets. I always mess up the paint if they're pre-painted, and I usually make a mess of the smooth metal, just drilling the holes. And the holes are full of turnings (even with a sharp? drill) and they don't line up right, even with my little dremel drill press. I know, some of you out there are so careful and neat (you know the other word for compulsively neat) that you can spend six hours drilling each hole and get perfect hole patterns with a hand drill. Is that what I have to do? Phooey, there must be a better way. Specifically, I want to install a Radio Shack audio amp and a four inch speaker in my Explorer 20 for field use in the warm season. I like a loudspeaker for casual operating, and there are acres of room inside the Explorer for this and a Curtis Keyer--but the Explorer case is quite handsome and I am very reluctant to violate it with any drilling and scraping activities. Suggestions, anyone?
Preston WJ2V

From owner-qrp-1@netcom.com Thu Mar 23 19:44:37 1995
Date: Wed, 22 Mar 95 22:11:05 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503230611.AA07186@deneb.csustan.edu>
Subject: LED Display

The LED displays that I had are no longer available. I sold out of them about a month ago. I had 100 of them, and they are all gone. Sorry, 72, Doug, KI6DS

From owner-qrp-1@netcom.com Thu Mar 23 04:18:11 1995
Message-Id: <n1416398142.24943@msmailgw1.arlut.utexas.edu>
Date: 20 Mar 1995 18:32:14 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: LED swr for Bob Smith and the group

Bob raised the desire to get an led indicator into the MFJ tuner for easier portable QRP.

Bob, what you could do is build an swr meter circuit into the tuner, perhaps the stockton circuit which is quite well thought of in qrp circles, then in the forward position, substitute an led driven by a transistor for the meter, and another for the reflected, or just a switch to have one led do both jobs. In the forward position, the tuner would be adjusted, for maximum led brightness, while checking from time to time that in reverse it is not lit, or very weak. At qrp levels, you probably could not just use led's for the bridge diodes, but at QRO that might even work! After all, you do not care what the exact SWR is, you just want max power forward at minimum power reverse.

From owner-qrp-1@netcom.com Thu Mar 23 03:54:22 1995
Date: Tue, 21 Mar 1995 08:54:37 -0500 (EST)
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: Lightning Arrestors
Message-Id: <Pine.3.07.9503210836.A4583-b100000@cap1.capaccess.org>

I need some advice on what would be the best low insertion loss lightning arrestor to put in my long wire antenna line. I have been using a Blitz Bug type (Cushcraft) for many years, grounded by heavy gauge aluminum wire, but I have been told that these are very lossy. Since this was for QRO, I didn't think it made a lot of difference. Now that I am going QRP, I think I may need something better. Someone mentioned Transi-Trap and said they had very low insertion loss. I guess I could run without one, but I am very nervous about that due to all the big trees in my yard and the relatively high antenna height (rooftop eve level). Also, while static discharge was never a problem with my SB-102, I guess it can be with a small QRP rig. Any suggestions for either issue?

New topic - Is there anyone out there who has NOT gotten their NorCal QRP journal? I signed up in early January and I wonder if I did not make the

March mailing. Or is the mail just verrry slow to the east coast.

Thanks for the help.

73,

Steve, N4EUK

From owner-qrp-l@netcom.com Thu Mar 23 14:07:20 1995
Date: Thu, 23 Mar 95 11:08:35 -0500
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Message-Id: <9503231608.AA12664@asp.vet.purdue.edu>
Subject: Lightning Arrestors

As regards sslavsky's request about low-loss arrestors; besides the blitz-bug and transitrapp styles there is also the stuff from ICE in Indianapolis and PolyPhaser in Minden, NV.....they are both more advanced designs than the other two, BUT I am not sure about their loss characteristics for the HF specific models... I have a balanced ICE model for HF I havnn't gotten around to trying out yet (and I shud get on it, cause we had our first lightning storm of the season last p.m.....hi...hi)...The ICE model I am using at VHF and UHF into a copper dual-band colinear j-pole, is very gud abt loss et al..... the design is basically a series cap with a gas-style spark-gap oon the antenna side along with a static drain coil.....not much but very well constructed(the polyphsor style doesn't use the drain coil)... anyways I hope this helps you out some 72's....baab, n6cxb

From owner-qrp-l@netcom.com Thu Mar 23 21:47:50 1995
Date: Thu, 23 Mar 1995 14:46:36 -0800 (PST)
From: Stephen Lee <slee@u.washington.edu>
Subject: Re: Lightning Arrestors
Message-Id: <Pine.A32.3.91c.950323144127.37006B-100000@homer11.u.washington.edu>

As regards lightning arrestors, I was just visiting the local Radio Shack at lunch. Browsing the discontinued items table I spotted

an antenna discharge unit, catalog number 20-021. Regular price was 19.95 but they are being discontinued so are now at \$1.97.
Good to 500 watts PEP, frequency range: CD-1.5 GHz, VSWR: 1.2 Max

The RS I visited only had the one left.

73's all
Stephen Lee
AB7HI

From owner-qrp-l@netcom.com Thu Mar 23 03:59:28 1995
Date: Mon, 20 Mar 1995 08:37:46 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: List Use Suggestions (7200 bytes)
Message-Id: <Pine.3.89.9503200800.A559941944-01000000@utkvx.utk.edu>

There have been some exchanges on this list on the subject of list conduct. Mentions of "list police," "flaming," and other practices, as well as complaints from time to time about the topics covered, the length of messages, and the way they are written, all reflect what is happening on other lists as well. One of the Centers at the University of Tennessee (my home base) has compiled a group of suggestions for effective list use. It is long for a posting, but short as such documents go. I offer it as it was intended--a collection of suggestions to help list users get the most out of the lists to which they subscribe. If you do not need it or want it, please delete now.
-73-

LB, W4RNL

=====

Some Suggestions for Effective List Use

Subscribers to a list work from all kinds of platforms, ranging from no-cost large systems with infinite storage to costly, low- or no-storage entry gates. We can assist subscribers on our list by exercising control over what we send, where we send it, and how we formulate it. The following suggestions are a compilation of many good ideas scanned from many different lists. They are not "commandments," but only some ideas to help make lists better vehicles for the exchange of information, views, and thoughts without losing their openness, informality, and cordialness.

1. Long Postings: Long postings should meet two tests before being sent to a list: 1. They are significant to an appreciable part of the membership, and 2. Members who would be most interested in them would not likely be able to access them from an ftp or www site. There is no known standard for what counts as long, but anything that takes more than one printed piece of paper is generally long, and over two pieces of paper is very long. Long and very long postings should be so

labeled in the subject line. If possible, compose long postings off-line on a good text editor or word processor to eliminate errors that might require reposting. Then transfer the text to the e-mail system. Use an editor/processor format that ensures easy readability on the restricted screen width of most e-mail readers. Avoid clipped or semi-wrapped lines endings from to many characters on the original line. Super-long postings (many printed pages) might be broken into several postings, each numbered (for example, Part 1 of 3).

2. Replies: Replying to messages is the heart and soul of a list. However, effective reply requires consideration of to whom the message goes. If the reply adds to the general stock of knowledge or information useful to many list members, then the reply can be addressed to the list. If the response contains criticism, error correction of interest mainly to the original sender, or similar content, a direct response is most courteous. The same information, without embarrassing reference to the original sender might then be disseminated in a separate posting to the list.

3. Including the Original Message: Unless the original message is very brief, do not include it in the response. Either paraphrase the key to the response or include only the one or two necessary lines. A considered, detailed response should be done off-line, with a paper copy of the original at hand for reference; the result should then be transferred on-line and sent to the originator or to the list, as appropriate.

4. Requests for Information: Responding to a request for information requires judgment as to whether the data supplied will interest enough list members to warrant general posting. Individuals receiving responses should consider creating a summary of direct responses, culling the information of most interest to the list members and then creating a posting to the list. An offer to do this in the original request for information may often convert postings into direct responses, but carries the responsibility to create the promised summary posting.

5. Information Building: One of the most effective uses of lists is to build a body of information based on the experiences of members through an original request for information or technique. A sequence of brief reports from many sources quickly builds to a reasonably comprehensive view of a topic. Rather than adding merely an "Amen" to such a progression, consider adding a note to emphasize or extend the body of information being built.

6. Informality: Lists are generally very informal vehicles for the exchange of information and views. Members are unlikely to share a single standard of conduct and formality. Postings may range from

formal data presentations to informal backyard conversations. It is unlikely that this wide range of approaches will ever change and, hence, it should not itself be a cause for complaint. In general, responders will partially mold their replies to the form of the original message, so members should present themselves as themselves.

7. Respect for List Members: The practice of "flaming" adds nothing to a list. Errors, misconceptions, and irritations can all be corrected within the bounds of mutual respect that everyone deserves. If a list member deserves "scolding," it should be by direct message, not a list posting. However, the best antidote to bad behavior is to delete the offending message. If a list member has been unjustly treated in postings, consider sending that individual an encouraging message to ensure that the person understands that such treatment is the exception and not approved by all.

8. Reader Responsibilities: List members should understand that any list will cover many topics, not all of which are of individual interest. Deleting the uninteresting is the primary means of focus on a list. Members should be tolerant of the interests of others, understanding that one who posts a message cannot always know in advance how many on the list will be interested. The most effective way to turn the topical flow to something interesting is not a complaint, but a request for information.

9. Subscribing and Unsubscribing: All members should follow the list manager's instructions for subscribing and unsubscribing. Please save the manager's message that confirms subscription, since it usually contains valuable information on posting messages, receiving information about the net and its members, and unsubscribing. If the message is lost, a single direct message to a knowledgeable list member will usually turn up the needed information without involving the entire list.

From owner-qrp-l@netcom.com Thu Mar 23 05:02:58 1995
From: JimN00CT@aol.com
Date: Tue, 21 Mar 1995 18:46:04 -0500
Message-Id: <950321184553_56689366@aol.com>
Subject: MilSpec Lacquer.....

Does anyone know what the military used (maybe still uses?) as the overcoat lacquer for parts identification? I mean the material that was painted over [for example] part numbers inside receivers etc.? I'm building a case for a piece of QRP gear, and would kind've like to give it that 'military' look [OD green, anyone?].

Thanks!

73, Jim N00CT

From owner-qrp-l@netcom.com Thu Mar 23 16:14:47 1995
Date: Wed, 22 Mar 1995 11:18:58 -0800 (PST)
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: Re: Need filter info
Message-Id: <Pine.3.89.9503221141.A27257-01000000@freenet.vancouver.bc.ca>

On Wed, 22 Mar 1995, Larry East wrote:

> Could someone please send me info on the 9.000 MHz Showa SSB filter? Need
> center frequency and input/output impedance, plus any other info you might have.
>
> Tnx & 72, Larry W1HUE/7
> LVE1@inel.gov
>
>

The matching Xtals for the Showa filters I have are cut for 9.0015 and
8.9985MHz so I must assume that the centre frequency is 9.000MHz. I
understand that the i/o impedance is 500 ohms.

72 Derry VE7QK

From owner-qrp-l@netcom.com Thu Mar 23 04:36:36 1995
Date: Tue, 21 Mar 1995 13:39:45 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: New Keyer Kit (Cheap)
Message-Id: <Pine.SUN.3.91.950321133736.24324G-1000000@ume>

I have two such beasts. No features but cheap and does the
basics.....use them in my projects that I don't need extra features.
Also very quick and easy to build!

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

On Mon, 20 Mar 1995 RobCap@aol.com wrote:

> SunLight Energy Systems (the folks who make the SunLogic charge controllers)
> has just introduced a new keyer kit called the "DYI Electronic CW Keyer". I
> put one in my Norcal 40A, and I like it because it's cheap, and it draws very
> little current.

>
> Cheap: The kit costs \$15, which includes board, on-board components, hook-up
> wire, and miniature speed pot.
>
> Low Current: The little jewel draws less than 1 mA. So my Norcal 40A (sans
> keyer draws 16.2 mA) now draws only 17.0 mA with a built in keyer. There are
> a lot of LED lamps that you can't light up with 17 mils!
>
> Features: Well, none that I'm aware of. The only feature I know of is that
> you can change the speed with the speed pot (does this count as a feature?).
> Does not feature memory, emulation, iambic, weighting, etc. Just dots and
> dashes. Period. End of story.
>
> So for the most robust feature set for your favorite QRP kit, I would stick
> with the legendary Super CMOS Logikeyer II (that's what's running in both my
> Sierra and my MFJ Field Day "contest rig"). But if \$50 is too steep for your
> other seven QRP kits, and you want cheap keying for weekend outings, and you
> think that no QRP rig is complete without a cheap keyer, then take a look at
> the DYI.
>
> Contact info follows.
>
> 73,
>
> Rob, WA3ULH
>
>
> SunLight Energy Systems
> 2225 Mayflower NW
> Massillon, OH 44647
> (216) 832-3114
>
>

From owner-qrp-l@netcom.com Fri Mar 24 04:26:29 1995
From: Byron8LCZ@aol.com
Date: Wed, 22 Mar 1995 18:05:37 -0500
Message-Id: <950322170223_57741602@aol.com>
Subject: Re: newbie succeeds, another ...

And, maybe he can implant a milliwatt xtal rig inside of you, calling CQ QRP
and we can "really" have a great fox hunt.

72, Byron WA8LCZ

From owner-qrp-l@netcom.com Fri Mar 24 02:14:33 1995
Date: Thu, 23 Mar 95 20:04:26 -0600

From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9503240204.AA12130@chuck.dallas.sgi.com>
Subject: NN1G schematics

For some reason my posting on the schematics was delayed about a day or two. The schematic, nn1g20.ps, is back at ftp.sgi.com in directory pub.

Don't wait too long. I'll copy back into ftp.sgi.com periodically until all who want a peak can get it.

I'm finishing up the third week of four in a row. Happens about once every four years. That's why you haven't heard from me, if anyone cares. :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Mar 23 10:10:46 1995
Message-Id: <199503231326.IAA05441@jfwhome.funhouse.com>
Subject: Re: Operating practices
Date: Thu, 23 Mar 1995 08:26:03 -0500
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

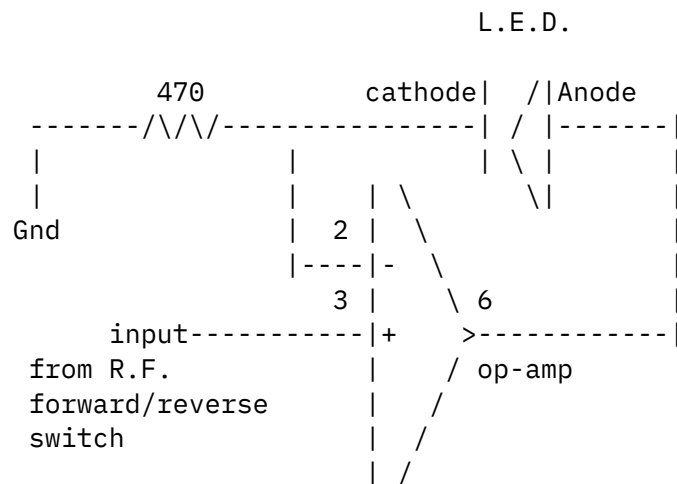
> MR>I have 2uW of input on operating practices. Is there a reason
> MR>CW ops start and end each xmission with everybody's call sign.
> Yes. It used to be required by FCC law until a few years ago.
> ALSO, more importantly, it helps other stations listening in to
> figure out who is on, and whom they might like to call after the
> QSO is ended. Third, it helps in an emergency if someone needs
> to get a hold of you and relay a message to you via the other station
> for example, etc. MANY good reasons to do this, even though it is
> no longer required by FCC.

It also helps in figuring out which of those beeps in a crowded band is directed to you! All it takes is a little drift by any of (potentially) four pieces of equipment and the pitch you hear after the end of your transmission could be different from the pitch you heard just before you started.

From owner-qrp-1@netcom.com Fri Mar 24 05:18:34 1995
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: power meter LED readout
Message-Id: <1995Mar23.194835-0500@[130.113.234.7]>
Date: 23 Mar 1995 19:48:35 -0500

There seems to be some interest in using a light-emitting-diode to indicate SWR instead of the usual meter. Here is a modification that will do the trick.

Needless to say, the R.F. part of the power/wattmeter is left alone. There is usually a switch labelled Forward/reverse from which comes a D.C. voltage. Connect to the following circuit to accomplish the LED display function:



Op-amp power (pin 7) goes to a +9v battery. The negative op-amp power (pin 4) goes to ground along with the -ve side of the battery. As the input voltage goes positive, the L.E.D. will start to light. Reducing the 470 ohm resistor will cause the L.E.D. to burn more brightly (you could use a 1k pot here).

Note that not just any op-amp will do, since we're asking it to deal with input voltages close to ground. Only some op-amps will do this trick properly - here is a partial list:

TLC251, TLC271, MC33171, MC34071

Some dual op-amps:

LM358 LM2904 MC3458.

Glen Leinweber VE3DNL leinwebe@mcmail.mcmaster.ca

From owner-qrp-l@netcom.com Thu Mar 23 16:52:54 1995

Date: Thu, 23 Mar 1995 11:19:07 -0500

Message-Id: <199503231619.AA25732@yfn2.ysu.edu>

From: ah301@yfn.ysu.edu (Jerry Sy)

Subject: QRO better than QRP in rx ? (& signing /QRP)

I am still quite new (3 months) in this CW business and have been more observant lately since this "signing /QRP" topic came up.

Last night, on 7040, I was calling CQ for about half hour with no results! (so where are those people who says they hang around 7040 looking for CQ QRP stations).

So I moved the dial down a little bit and heard a KB6 calling CQ, I responded, and the station heard me right away! this is 2000 miles (maybe more) from pittsburgh to norther california. and he gave me a 549 RST. I never let him know I was QRP till the end of the QSO and he was there till the end. In fact, I was the one who gave up this time since I am having a real hard time copying him (569 but with lots of qrm and qsb). So now I am wondering if the Kenwoods and the Yaesus have better receivers than my OHR spirit ? It seems to me that all QRO stations I contact do not have problem copying me at all, until I tell them I am QRP. This KB6 station seemed to copy everything I sent.

The other night, I answered a CQ from an AA0 in north dakota and got a 569. He asked me for my rig description (darn it) so I have to say QRP, and he says he has to QRT after that. But he did it politely and I was able to do my finals and dit dit (unlike that OM in Florida).

Somebody mentioned also about the other QRO station reduce his power. This was done to me once by a station in Boston. I really had a hard time copying him when he reduced his power from 100w to 10w. But he seems to copy me ok, as long as qsb is not very bad. So again, I have a feeling that these commerical QRO rigs have excellent receive sensitivity/selectivity/etc compared to my OHR.

I've only got maybe 3 stations so far, who got excited to have a QSO with a QRP and they were signing my call with /QRP ;^).

So from my sample, in 3 months operation only one came back to answer my CQ (no /QRP)
I have about 95% success (maybe higher) answering somebody else's CQ.
About 95% of the time, the QRO will QRT when they know I am QRP.

anybody care to give their statistics?

so for now, my modus operandi will be, answer CQs only, do not identify rig unless asked to.

BTW, my CW is decent. I know I might get comments/flames from

people who were born that can do 20WPM right away that my fist is bad etc without even hearing my cw.

73 de jerry
AA3KN

From owner-qrp-1@netcom.com Thu Mar 23 18:12:41 1995
Date: Thu, 23 Mar 1995 14:08:22 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199503232208.0AA10407@netcom14.netcom.com>
Subject: Re: QRO better than QRP in rx ? (& signing /QRP)

>a 549 RST. I never let him know I was QRP till the end of the QSO
>and he was there till the end. In fact, I was the one who gave up
>this time since I am having a real hard time copying him (569 but
>with lots of qrm and qsb). So now I am wondering if the Kenwoods
>and the Yaesus have better receivers than my OHR spirit ?

Probably not much difference. I operate QRP (of what operating I do) and I follow the strategy of just ignoring my QRP status and having QSOs. About the only thing is I don't get alot of answers to CQs, but if I call someone and have a QSO, it seems fine. Been doing it this way since 1972.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@netcom.com Fri Mar 24 03:50:28 1995
Date: Thu, 23 Mar 1995 22:23:01 +0001 (EST)
From: howie cahn <wb2cpu@world.std.com>
Subject: Re: QRO better than QRP in rx ? (& signing /QRP)
Message-Id: <Pine.3.89.9503232259.B19386-01000000@world.std.com>

On Thu, 23 Mar 1995, Jerry Sy wrote:

> seems to copy me ok, as long as qsb is not very bad. So again,
> I have a feeling that these commerical QRO rigs have excellent receive
> sensitivity/selectivity/etc compared to my OHR.

The biggest factors are probably the differences in dynamic range and selectivity. On 40, some broadcast station 50 KHz away can be overloading your rx causing desensing and/or creating garbage spurious products. The passband tuning, multiple IF filters, and audio DSP on the commercial radios probably help the other op copy you too.

72/73... howie
wb2cpu@world.std.com

From owner-qrp-1@netcom.com Thu Mar 23 09:10:30 1995
Date: Mon, 20 Mar 95 23:35:10 PST
Message-Id: <9503210735.AB19005@altair.csustan.edu>
From: dh@altair.csustan.edu (Doug Hendricks)
Subject: QRP ARCI Back Issues

Guys, I have 10 complete sets of back issues of QRP Quarterly, the journal of ARCI. They run from 1985 to 1993 and are bound in 9 issues. I have supplied these reprints for the past 3 years, but I will not do any more due to demands on my time. When these are gone I will not do any more. The reprints are bound with a heavy card stock cover and plastic finger binding. I will ship the sets to you via priority mail for \$90 postpaid. If you are interested, send me email. These are all of the large format QRP Quarterlies and make for fantastic reading. Send your checks or money orders made out to: Doug Hendricks

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93520

Email me that you are interested and I will confirm that I have not sold out before you send the check. I will not break up the sets to sell individual issues as I want to get rid of them all.
72, Doug, KI6DS

From owner-qrp-1@netcom.com Fri Mar 24 05:48:58 1995
From: BRUCE3900@delphi.com
Date: Tue, 21 Mar 1995 19:26:01 -0500 (EST)
Subject: QRP Celebrity Comes to Timonium(Maryland) Hamfest
Message-Id: <01H0EQC4D02A96Y2WZ@delphi.com>

Ed Hare, KA1CV, whose photo can be found in the front of QRP Classics, from ARRL Headquarters, and a MILLIWATTER, is coming to the Timonium Hamfest this coming weekend, March 25 and 26. A small group of local QRPers will meet with Ed for dinner on Friday evening. The plan is to meet him at the Days Inn in Timonium (if I've been misspelling it, I appologize to the whole town) aroound 6:15 to 6:30 PM Friday evening and then proceed to dinner at a local eatery. Any local QRPer is welcome to join us. In fact you don't have to be local, just be there. I can arrange to carpool one or two others from the Montgomery County area. Let's hear your interest in this unique opportunity.

73,
Bruce -- W6TOY/3

From owner-qrp-1@netcom.com Thu Mar 23 10:14:33 1995
Date: Thu, 23 Mar 1995 16:21:55 +0700 (GMT)
From: Bruce Strong <hs0zbo@sura1.sut.ac.th>
Subject: Re: QRP from Pacific
Message-Id: <Pine.ISC.3.90.950323161847.20765E-100000@sura1.sut.ac.th>

On Tue, 21 Mar 1995, Sehne wrote:

> funny,,,here's N2KTY checking in again....my conclusion is that there are
> simply fewer Pacific rim stations out there, than US stations. Perhaps if
> I had taken the rig up Mt. Haleakala, I could have worked more, but there were
> no palm trees up there....actually, there wasn't much of anything there....
>

My stateside call is AH2AK. I think that part of the reason you don't hear more Pacific Rim stations from this direction is that it is a bit further away and depends on more skips. Also, the route most favored is more northerly than most expect.

Not much qrp action on Guam when I was there... except to talk with Japan!

Bruce

From owner-qrp-1@netcom.com Thu Mar 23 04:24:52 1995
From: Bob_White@CCMAIL.AEROSYS.LORAL.COM
Date: Wed, 22 Mar 95 11:05:12 EST
Message-Id: <9502227958.AA795899321@CCMAIL.AEROSYS.LORAL.COM>
Subject: QRP SSB Fox Hunt 3/21 EST - Results

Yes the low bands are getting noisier. Yes I have a pipeline to AB4EL in the South and KC1FB in the North on 160 meters but it gets old talking to the same two guys on both 160 meter sessions. I thought you guys were going to put up some 160 meter antennas. If Steve can fit one on the postage stamp he has for a yard then anyone can get on 160 with the antenna plans he laid out for us last week. Granted friendly neighbors help and I wouldn't run 100w into it during primetime TV but 160 is a fun band and does work fine with QRP. During the last 160 CW SS I made 66 contacts in 19 sections in 1 1/2 hours with 4 watts out. Granted you don't have too much to look forward to on 160 during the upcoming summer months, but this is the time to string wire while the trees are bare. So get out there and put up some wire prior to next weeks Internet QRP SSB Fox Hunt so you can check it out with Jim, KC1FB our next and last QRP SSB Fox of the season.

Soapbox OFF -- Real data follows.

Internet QRP SSB Fox Hunt Results for 3/21 (EST).

1st Segment 1.850- 1.870 (21:00-21:30 EST)

Report

Station	T0	FROM	Name	State	Power
AB4EL	55	55	Steve	NC	5w
KC1FB	56	55	Jim	CT	5w

2nd Segment 3.780-3.788 (21:30-22:00 EST)

AB4EL	49	59	Steve	NC	5w
KC1FB	55	55	Jim	CT	5w
NM1J	55	59	Scott	CT	5w
AA4JZ	55	59	Kirk	OH	5w
AA2PF	34	59	Dave	NY	5w
WJ2V	33	58		NY	5w
AF4K	449	49	Brian	MD	5w CW
WD8AAU	45	59	Dave	NY	5w

3rd Segment 3.910-3.920 (22:00-22:30 EST)

AA2PF	58	59	Dave	NY	5w
KC1FB	55	59	Jim	CT	5w
AA2WJ	33	33			
WN3C	58	58	Mac	MD	20w
N1QPR	44	55	Bill	MA	5w

4th Segment 1.850-1.870 (22:30-23:00 EST)

AB4EL	55	53	Steve	NC	5w
KC1FB	59	59+	Jim	CT	5w

Well that's it folks. I want to thank everyone who participated and I want to apologize to all who tried to work me that I didn't hear. I enjoyed the Hunt and Steve you can put me on the list for next year.

72/73,

Bob White W03B

bob_white@ccmail.aerosys.loral.com//W03B@WB3V.md.us.na

P.S. If you are up at 8:00 EST check-in to the NEN QRP Net on 7.040. All the Net Controllers have good ears so this is a good net to try out QRPP with.

From owner-qrp-1@netcom.com Thu Mar 23 10:09:41 1995

From: Tim Smith <TSMITH@fibusa.com>

Subject: Qrp Ten-Tec for Sale

Date: Thu, 23 Mar 95 09:15:29 PST

Message-Id: <2F71ACB1@ipnovell.fibusa.com>

Century 21 in excellant condition with Ten Tec keyer and external Ten Tec calibrator. Email for details if interested.

73,

Tim N1BTQ
tsmith@fibusa.com

From owner-qrp-1@netcom.com Thu Mar 23 16:40:50 1995
Date: Wed, 22 Mar 1995 21:13:15 -0500
Message-Id: <199503230213.VAA12415@detroit.freenet.org>
From: af514@detroit.freenet.org (Hank Kohl)
Subject: QRP-ARCI news....

I posted this several days ago, and have not seen it come back.
Please excuse the double spacing - I'll figure out how to get it
to single space one of these days! 73 es CU all in the spring test.
de Hank K8DD

------(cut here)-----
QRP-ARCI

17 March, 1995

To: All Board Members & Directors;

In response to Les's letter of 03/06/95, I acknowledge Les's
resignation and accept the position of Acting President.

I extend my thanks and the thanks of the Board of Directors
to Les for his years of service to QRP-ARCI. No carping, sniping
or backbiting will be tolerated.

We have several immediate problems to solve:

1. We currently have 4 legal BOD members, we need a minimum of 6.

2. The BOD structure needs to be revamped so that it allows the Club to operate in a rational fashion. Several suggestions have been considered, my recommendation is a 6 member BOD, with 3 regional (E/Central/W) and 3 at large members, all serving a 3 year term with 2 positions being up for election every 2 years. This is NOT cast in cement. More to come.
3. Rumors that indicate we are going to "throw out" the existing Constitution & Bylaws are false. No such unwise actions are being considered. We will operate within the existing legal parameters until such time as we can legally change them.

I am soliciting letters of interest/resumes from individuals interested in serving on the BOD, please forward to myself or Mike, WA8MCQ, who has offered to recruit for me.

Dayton BOD meetings will be scheduled later this month, I need to determine who is available and when, more to come.

Please understand that our Dayton '95 presence is going to occur as usual, the Banquet is set for Saturday, and the Hospitality Suite is set for all 3 nights. We have much to discuss/resolve!

I am going to be available on Internet by 04/10/95. If you need to leave a message prior to that, use K8DD - af514@detroit.freenet.org - Hank will copy me on Packetcluster. My home number is 810-364-9640 >1800 (machine on 24 hrs), work number is 810-949-0151 (9 to 5) Eastern Time.

It is not my intent to be President of QRP-ARCI on Buck N8CQA

72/73

--
/*
/* email af514@detroit.freenet.org
/* call k8dd hank port huron, mi
/*

From owner-qrp-l@netcom.com Thu Mar 23 14:25:30 1995
Message-Id: <9503231452.AA11757@us4rmc.pko.dec.com>
Date: Thu, 23 Mar 95 09:52:58 EST
From: "N100Q Tom R. @ MR01 23-Mar-1995 0945" <randolph@est.enet.dec.com>
Subject: RF chokes

Hey, anyone ever check out those chokes that look like 1/2W resistors? I just bought a few from Ckt. Specialists... I'm gonna put 'em on the impedance analyzer here when I get a few free minutes, and check the Q and resonant freq. I have some scrap boards (junk scanner) that use these, also.

-Tom R. N100Q randolph@est.enet.dec.com

From owner-qrp-l@netcom.com Thu Mar 23 14:44:04 1995
Message-Id: <9503220205.AA14310@spock.ici.net>
Date: Tue, 21 Mar 1995 21:04:28 -0600
From: dxer@ici.net (Bill Hassan)
Subject: S&S TAC1

I'm just starting to build my TAC-1. Is there anything that I should watch out for? I'm looking for specific comments regarding this kit, not kitbuilding in general!

Like the ARK4 and ARK40, this one looks great.

Bill WA1IML dxer@ici.net

From owner-qrp-l@netcom.com Fri Mar 24 05:32:17 1995
Date: Thu, 23 Mar 1995 18:25:31 GMT
From: Goran Hosinsky <goran@royac.iac.es>
Message-Id: <9503231825.AA05333@royac4.royac.iac.es>
Subject: re schematics

Hi Chuck and the rest of the gang:

A good freeware CAD program that can give PS output can be found on
SimTel SimTel/msdos/cad/ padslib.zip
 padslog.zip
 padspcb.zip

It is very nice to use, very intuitive and also easy to convert
direct to PC board layout. Only snag is that it is limited to about
20 Ic in size (but you can make several sheets) I found the program
a lot nicer to use than the Orcad. Some sites to get the files:

oak.oakland.edu /SimTel/msdos
wuarchive.wustl.edu /systems/ibmpc/msdos
arcive.orst.edu /pub/mirrors/simtel/msdos
ftp.funet.fi /pub/msdos/SimTel
ftp.uni-paderborn.de /SimTel/msdos

73

Goran EA8YU

From owner-qrp-l@netcom.com Fri Mar 24 04:43:56 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Scrap ARCI Bylaws: NOT!
Date: Thu, 23 Mar 95 23:57:06 EST5EDT
Message-Id: <1995Mar23.235706.21256@wb3ffv.ampr.org>

In his recent message posted via K8DD (since he doesn't have an
e-mail account of his own just yet), the new Acting/Interim President
of the QRP ARCI, N8CQA, said "Rumors that indicate we are going to
"throw out" the existing Constitution & Bylaws [at Dayton] are
false."

I hereby apologize for being the source of that rumor. In a recent
posting to qrp-l, I said something to the effect that the bylaws
might even be scrapped and rewritten on the spot at Dayton. I made

that comment based on a misinterpretation of something that N8CQA or WN2V had said to me on the phone. As Buck said in his posting, and a couple other people told me after mine, it would be unwise to undertake something as important as that in a short time at a single meeting.

Additional comments: I have no problem with the suggestions to reduce the BoD to something like 5 or 6 members, since that would speed up communications quite a bit--a great deal easier to get replies from 5 people than 11! However, we might want to consider adding provisions to the rules which allow people to be removed and replaced "for cause", such as being chronically uncommunicative. With the larger number on the board, we can get by if some do not take an active part since there will still be many who do. If we reduce the number of board members, we can't afford to have any who do not actively participate.

I don't go along with the suggestion someone made about term limits. While that is a currently fashionable trend in politics, it would also guarantee that truly outstanding and productive members of the Board would be terminated while they are still serving us well, and deprive us of their expertise, wisdom and talents. Since the Board is voted on by the membership at large, the power of the ballot should be able to handle those who may become unproductive for whatever reason.

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Thu Mar 23 11:22:24 1995

From: rehm@zso.dec.com

Message-Id: <9503230247.AA03131@slugbt.zso.dec.com>

Subject: Sierra and QRPp Freq. Counter

Date: Wed, 22 Mar 95 18:47:26 -0800

In a couple of QRPp articles by Jim Peper w6QIF, a digital freq. counter was described for use with the NorCal 40 and Sierra. (QRPp June 94 and December 94, respectively).

First, the designs use a 4 digit LED display available from Doug Hendricks, KI6DS, for \$3. Are these still

available? Are they available commercially?
It appears that one cannot just substitute four MAN-4
displays, i.e, the 4 digit LED display has a built
in decoder for each digit.

Are there any other details that any one who has built
this counter could share?

/eric rehm
KJ7AE

From owner-qrp-l@netcom.com Thu Mar 23 04:30:22 1995
Date: Tue, 21 Mar 1995 11:54:42 -0800
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Message-Id: <199503211954.LAA00389@vr1000.West.Sun.COM>
Subject: Re: signing /QRP

> From owner-qrp-l@netcom.com Tue Mar 21 11:52 PST 1995
> From: PDouglas12@aol.com
> Date: Tue, 21 Mar 1995 14:01:28 -0500
> To: qrp-l@netcom.com
> Subject: Re: signing /QRP
>
> Tim, You wrote about signing /QRP, and indicated you disagree with those of
> us who are reluctant to use the designation in QRO regions of the bands.
> That's why I posted the first message--to generate some friendly controversy.
> I'm glad it worked! Preston WJ2V

I have no problem signing /QRP in any part of the amateur bands....

.... even when I'm not running QRP.

;-}

From owner-qrp-l@netcom.com Thu Mar 23 11:39:48 1995
Date: Wed, 22 Mar 1995 10:34:08 GMT
From: Rev George Dobbs <g3rjv@gqrp.demon.co.uk>
Message-Id: <3545@gqrp.demon.co.uk>
Subject: signing /QRP

Can I remind UK members on the list
That in the UK it is illegal to sign /QRP - licence regulations
But, oddly enough you can send your callsign followed by a space then QRP
Its an odd life !

--

George Dobbs G3RJV
G-QRP Club

"It is vain to do with more,
what can be done with less."

----- William of Occam (1290-1350)

From owner-qrp-l@netcom.com Thu Mar 23 05:28:58 1995
Message-Id: <3005015013.0.p01599@psilink.com>
Date: Wed, 22 Mar 95 22:49:21 +0000
From: "OPS JRF KC1FB" <p01599@psilink.com>
Subject: THE LAST SSB FOX

THIS IS YOUR LAST CHANCE TO HUNT THE INTERNET SSB FOX!!!

I will be the FOX on Tuesday 28 March (Wednesday for those on UTC).

I am going to try a band plan that gives some time to 40 Meters, but most time to 75 and 160 that have been working the last few hunts. It is:

21:00-21:30 EST	7.225 - 7.231 MHz	(40 meters NOT higher)
21:30-22:00 EST	3.780 - 3.788 MHz	(75 meters)
22:00-22:30 EST	1.850 - 1.870 MHz	(160 meters)
22:30-23:00 EST	3.900 - 3.910 MHz	(75 meters)

Since my FT-7 doesn't do 160 M, I will use my FT-890 cranked down to a modest 4.5 Watts into my 88' Center-Fed Zepp up about 55-60. For 160, it will have the feeders tied together and fed as a hat loaded vertical.

I am a brave Fox (Fox, Bravo) so come and get me...mighty Inet hunters!

72 & 73 ^>o

Jim Francoeur - KC1FB
8 Regency Drive
Norwalk, CT 06851-2636
Approx. 41 7 N 72 23 W

From owner-qrp-l@netcom.com Thu Mar 23 17:13:28 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Thu, 23 Mar 1995 17:01:24 MET
Subject: The QRP Clubs List V0.97 (announcement)
Message-Id: <D72C44482C@daphne.rrze.uni-erlangen.de>

Hi gang,

I just posted the QRP Clubs List V0.97 to the Usenet newsgroup

rec.amateur.radio.misc. (BTW, posting a file to a newsgroup is a major hassle for me, since I haven't been able to find out how to import a file into vi. I have to resort to tricks.)

>From the previous version, the entry "EA8 QRP-DX Club" is deleted. I've been informed that this was a predecessor to the "EA QRP Club" that doesn't exist anymore. Apart from that, there are some misc corrections and updates.

There are still a lot of blanks in many entries, so I'd appreciate any feedback that I can get on those. Even a confirmation that a certain club is still alive would be useful.

The file is approx. 32 kB long, so it won't be posted here, just the contents and info on where to get it, if you can't read Usenet newsgroups.

~Subject: The contents:

This file contains information about the following QRP clubs:

- o 9A-QRP Club
- o Arbeitsgemeinschaft CW / Activity Group Telegraphy (AGCW-DL)
- o QRP Club ARI
- o QRP Amateur Radio Club International (QRP ARCI)
- o Benelux-QRP Club
- o Grupo-QRP do Brasil
- o QRP Club of British Columbia (BC QRP)
- o QRP Society of Central Pennsylvania (QSCP)
- o Cleveland QRP Amateur Radio Club
- o Colorado QRP Club (CQC)
- o CW Operators QRP Club
- o EA QRP Club
- o G-QRP Club (G-QRP-C)
- o Italian QRP Club (I QRP)
- o JARL QRP Club (JA-QRP)
- o MFJ 90's Radio Club
- o Michigan QRP Club (MI QRP, M-QRP)
- o The QRP Club of New England (NE QRP)
- o The QRP Club of Northern California (NorCal QRP)
- o NorthEastern Illinois QRP Society (NEIQS)
- o The NorthWest QRP Club (NW QRP)
- o NorthTexas QRP Club (NorTex, NQC)
- o OK QRP Club (from the Czech Republic)
- o Oklahoma QRP Club (OK QRP)
- o St. Louis QRP Society (SLQS)

- o U-QRP Club
- o WI QRP Club
- o ZS-Algoa QRP Group

The ordering of this list is somewhat arbitrary though it tries to follow the alphabet :-). No weighing is intended.

Two list entries here are somewhat special:

- The "MFJ 90's Radio Club" is focussed on the MFJ 90xx series of QRP transceivers but not affiliated with the company. Rather than being a club it is more a newsletter and its readership.
- The "AGCW-DL" is not a QRP club but rather a CW club. It is in the list because of its strong QRP activities and because there is no dedicated German QRP club.

In addition to all that you'll also find information about defunct clubs and newsletters, ceased activities, 'unofficial' groups and a small paragraph about the world famous INET QRP Club ;-)

Spelling and punctuation tries to follow European standards.

 ~Subject: Update information:

This is what I call a beta version of the QRP Clubs List. I intend to make this list up to date and as complete as possible. Therefore I need your help.

For the most up-to-date copy of this list, send email to <sz0026@daphne.rrze.uni-erlangen.de> or a packet radio message to [dl8mfq@db0sif.deu.eu]. From version 1.00 onwards this file will be available via a FTP site also (probably SUNSITE.UNC.EDU).

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                                     (^ ^)
+-----o00--( )--00o----+
| Vy 72 de Richard (DL8MFQ @ DB0SIF.DEU.EU) in Erlangen |
+-----+
alias AA8CP          G-QRP #7417          AGCW-DL #2168
Internet: <sz0026@daphne.rrze.uni-erlangen.de>

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----- End of The QRP Clubs List -----

From owner-qrp-1@netcom.com Thu Mar 23 05:06:21 1995
Message-Id: <n1416226127.28582@msmailgw1.arlut.utexas.edu>
Date: 22 Mar 1995 18:18:44 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: VFO troubleshooting

A recent kit builder lamented his VFO was not working and he had replaced the FET, rewound the coil, and replaced capacitors to no avail.

First and unmentioned, was the voltage to the stage there and correct? The DC.

Second, you should make sure the stage is not heavily loaded from a fault downstream. Disconnect any output coupling to the next stage and see if the VFO oscillates. A thought here, use a high impedance scope probe, or a link coil near the VFO coil, to avoid the measuring instrument loading down the VFO.

Finally, were the resistors in the circuit checked for the correct color code or marking and for correct electrical value. A mis marked value could happen. More likely, a color can be mis read on some of todays resistors which are not the brown background of yesteryear!

These general steps: Check power, isolate the circuit under test, & verify components will work for many construction or repair problems needing tests.

73, Stuart K5KVH

From owner-qrp-1@netcom.com Thu Mar 23 08:42:31 1995
From: RAINS@NKU.EDU
Date: Thu, 23 Mar 1995 07:27:17 -0400 (EDT)
Subject: Where to get feedthrough cap.??
Message-Id: <01HOGTX9U6G29LVCLZ@NKU.EDU>

Hello all, name here is Justin. I was wondering if anyone knows a source for feedthrough capacitors? They are used in the handbook, but I can't find anyone who carries them.

73 de AA9KM
Justin

From owner-qrp-1@netcom.com Thu Mar 23 14:29:48 1995
Date: Tue, 21 Mar 1995 13:51:45 -0500
From: John Spoonhower <jps@alfalfa.pas.rochester.edu>
Message-Id: <199503211851.NAA01684@alfalfa.pas.rochester.edu>
Subject: WTB: I need a Sierra!

Dear QRPers:

I finished off a NorCal 40 and a Idiom Press Keyer last saturday and I've got the urge to play around with another rig! Do any of you guys have a Sierra (either built or un-built) that you want to sell?

On a not-too-unrelated topic.....my "junk" box has 2 pristine WaveTek 5080 precision attenuators. These are capable of 80 dB attenuation in 1 dB steps. Freq range 0-2000 Mhz, 50 ohm impedance. more details by e-mail if you're interested. These are lab grade attenuators (i.e. not cheap) so write me if you're interested. They would be an great find for all you milliwatters out there.
72, John, kc2du

From owner-qrp-1@netcom.com Thu Mar 23 10:44:00 1995
Date: Thu, 23 Mar 1995 08:54:11 -0500
From: John Spoonhower <jps@alfalfa.pas.rochester.edu>
Message-Id: <199503231354.IAA11582@alfalfa.pas.rochester.edu>
Subject: WTB: Sierra

Dear qrpers,

I seem to have caught up on all my construction projects..... does anyone have an unbuilt Sierra they want to sell? Heck, I'll even consider a built Sierra.....please contact me via e-mail. thanks,
72, John, kc2du